

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ire Application of:

Min-Goo Kim et al. : Group Art Unit:

Serial No.: 10/691,644 : Examiner:

Filed: October 24, 2003

For: APPARATUS AND METHOD FOR

CONTROLLING HARQ IN A MOBILE :

**COMMUNICATION SYSTEM** 

## **INFORMATION DISCLOSURE STATEMENT**

COMMISSIONER FOR PATENTS P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicants hereby transmit copies of the documents listed in the attached Form PTO-1449 which may be deemed material to the examination of the above-identified application. A copy of a European Search Report citing these documents is also being transmitted for the Examiner's information.

Since the present Information Disclosure Statement is being filed prior to issuance of a first Office Action on the merits, no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(b) is required.

The Examiner is requested to consider the attached documents in connection with the

above-identified application and to return a copy of Form PTO-1449 to the Applicants with the

Examiner's initials in the spaces provided.

Submission of this Information Disclosure Statement does not constitute an admission

by the Applicants as to the materiality of the attached documents to the application, nor do the

Applicants waive any right to challenge the validity of the documents as prior art should such

action be deemed appropriate.

Respectfully submitted,

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Dated: Febrary 19, 2004

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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

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ATTY. DOCKET NO.	SERIAL NO.	
45945	10/691,644	
APPLICANT Min-Goo Kim et al.		
FILING DATE October 24 2003	GROUP	

## U.S. PATENT DOCUMENTS EXAMINER FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCL INITIAL IF APPROPRIATE ASS PUBLISHED U.S. PATENT APPLICATIONS SUB-FILING Pub. No. Pub. Date Patentee CLASS CLASS DATE FOREIGN PATENT DOCUMENTS TRANSLATION COUNTRY CLASS SUB-DOCUMENT NUMBER DATE CLASS YES NO 11/2001 European H04L 1/18 X 1 5 6 6 х 3/2001 WO H04L 29/08 7 4 0 1 2 0 8 OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) Arnab Das et al., "Design and Performance of Down Link Shared Control Channel for HSDPA", 13<sup>th</sup> IEEE International Symposium on Personal Indoor and Mobile Radio, Vol. 3, pages 1088-1091 (September 15, 2002). Robert Van Nobelen et al., "An Adaptive Radio Link Protocol with Enhanced Data Rates for GSM Evolution", IEEE Personal Communications, IEEE Communications Society, US, pages 54-64, Vol. 6, No. 1. (February 1999)

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.